

Recombinant Mouse T Protein, Myc/DDK-tagged

Cat. No. T-6267M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length brachyury, T-box transcription factor T (T), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site.
Molecular Mass	47.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	T brachyury, T-box transcription factor T [Mus musculus (house mouse)]
Official Symbol	T
Synonyms	T; brachyury; brachyury protein; low ratio; protein T; brachyury-like 2; brachyury-like 3; Lr; T1; Bra; Low; Tl2; Tl3; cou; me75; D17Mit170
Gene ID	20997
mRNA Refseq	NM_009309
Protein Refseq	NP_033335
UniProt ID	P20293

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